

Option Explicit

```
Function Ask_PaLM2(question As String)
    Dim objHTTP As Object
    Dim url As String
    Dim apiKey As String
    Dim payload As String
    Dim response As String
    Dim n1 As Integer
    Dim n2 As Integer
    Dim headers As String
    Dim prompt As String
    Dim requestBody As String
    Dim options As String
    ' Get your api key from https://makersuite.google.com/app/apikey
    apiKey = "....."
    url =
"https://generativelanguage.googleapis.com/v1beta2/models/text-bison-001:generateText"
    url = url + "?key=" + apiKey
    payload =
"{""method"":""POST"", ""headers"":""{"Content-Type"":""application/json""}"" , ""payload"":""{"prompt"":""{""text"":""{qn}""}""}""}"
    payload = "{prompt:{text: ""{qn}""}}}"
    payload = Replace(payload, "{qn}", question)
    Set objHTTP = CreateObject("MSXML2.ServerXMLHTTP")
    objHTTP.Open "POST", url, False
    objHTTP.setRequestHeader "Content-Type", "application/json"
    objHTTP.send payload
    response = objHTTP.ResponseText
    headers = ""output"": ""
    n1 = InStr(response, headers)
    n2 = Len(headers)
    response = Mid(response, n1 + n2, Len(response) - n1)
    n1 = InStr(response, "")
    response = Left(response, n1 - 1)
    response = Replace(response, "\n", vbCrLf)
    Ask_PaLM2 = response
End Function
```